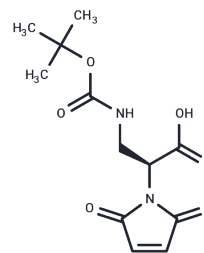


Mal-L-PA-NH-Boc

Chemical Properties

CAS No. :	1491152-23-8
Formula:	C ₁₂ H ₁₆ N ₂ O ₆
Molecular Weight:	284.27
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Mal-L-PA-NH-Boc is a noncleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs). It forms stable covalent bonds with thiols or amines on antibodies, enhancing ADC stability and targeting.
Targets(IC50)	ADC Linker

Solubility Information

Solubility	DMSO: 142.8 mg/mL (502.34 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5178 mL	17.5889 mL	35.1778 mL
5 mM	0.7036 mL	3.5178 mL	7.0356 mL
10 mM	0.3518 mL	1.7589 mL	3.5178 mL
50 mM	0.0704 mL	0.3518 mL	0.7036 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Robert Lyon, et al. Self-stabilizing linker conjugates. WO2013173337A2.

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